

APPL. NO. 10/708,966
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AMENDMENTS TO THE CLAIMS

This listing of Claims will replace all prior versions, and listings, of Claims in the application.

What is claimed is:

Claim (1) (withdrawn) Air Grille and Odor Air Filter

Air Grille and Odor Filter, are build together in one element, and are designed to:

- a) Exhaust the Odorous Air from the toilet bowl, before the odor spreads inside the bathroom.
- b) Cleans the Odorous Air before it is released outside, thus protecting the exterior environment
- c) Protects the C.A.T.S-Tank from clogging. A large selection of materials are currently available to use : sheet metal, ceramic, plastic, glass, rubber, wood or any other water proof material, easy to clean and have a good strength. Air filter is membrane type (nylon having micron size hole). The Grille size:100mm. wide/20mm. height. The Filter size: 100mm. wide/60mm. height. The distance between the Grille Air and Odor Filter will be variable , depending on the toilet bowl and toilet seat type. The connection between element (1) and the C.A.T.S-Tank container (3) is the same type with the vacuum cleaner hose. The Air Grille and Odor Air Filter, will be replaced each 6mo. The Air Grille and Odor Air Filter is a novel element with a novel function and location.

Claim (2) (withdrawn) (2) Odor Air Duct The Odor Air Duct is located inside the C.A.T.S-Tank is immersed in the water. The duct encircles the 3 sides of the C.A.T.S-Tank. The Odor Air Duct's wall is water proof . The Odor Air Duct is designed:

- a) To create a passage for the Odor Air to go through the C.A.T.S-Tank
- b) To make the connection between the Odor Air Grille and the bathroom Exhaust Fan located above the ceiling. c) To reduce the water tank capacity. Material used for the Odor Air Duct are: ceramic, cast iron, glass or any water proof material with the required strength. The size: 80mm. wide/60mm. height (or an equivalent diameter). The duct size has to be adequate to the function of circulating and carrying out the odor air, into the exhaust system and from there further forced out to the exterior environment. The Odor Air Duct inside the water tank is a novel concept, location and function.

Claim (3) (currently amended) Improvement for said conventional toilet includes an air extractor, a ceiling grille, surrounding ducts, an electrical conduit and switch, said toilet having a bowl and rim, a toilet seat, a water supply and drain, improvement comprising of a toiled tank, having back openings connected to an air passageway, an air filter and grille, and said back openings connecting to the said surrounding ducts and said air extractor that suction the air primarily from the said bowl.

Claim (4) (withdrawn) Back C.A.T.S-Tank Openings (two). There are two openings for access into the C.A.T.S-Tank. The function is to connect the C.A.T.S-Tank with the existing Exhaust System ducts from the exhaust fan above the ceiling. The size: 50mm. in diameter for each opening.

Claim (5) (canceled)

Claim (6) (currently amended) The improvement set forth in the claim wherein said toilet tank will increase the efficiency of odor suction by adding tight air insulation applied between said toilet rim and said toilet seat.